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(71) Applicant (for all designated States except US): AC-
CENTUS PLC [GB/GB]; c/o Nova Capital, First floor,
Schomberg House, 80-82 Pall Mall, London SW1Y 5HP
(GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PICKFORD,
Martin, Edward, Lee [GB/GB]; 37 Downland Close,
Locks Heath, Southampton, Hampshire SO31 6WB (GB).
LEWIS, David, Richard [GB/GB]; 26 Alexander Close,
Abingdon, Oxfordshire OX14 1XA (GB). TURNER,
Andrew, Derek [GB/GB]; 17 Loyd Close, Abingdon,
Oxfordshire OX14 1XR (GB).

(74) Agents: MANSFIELD, Peter, Turquand et al.; Ipsolu-
tions, 329 Harwell Business centre, Didcot, Oxfordshire
OX11 0QJ (GB).

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(54) Title: METAL IMPLANTS

(57) Abstract: A metal implant for use in a surgical procedure is provided with a surface layer that is integral with the metal substrate, and which incorporates a biocidal material. The surface layer is grown by anodising at a voltage between 50 and 150 V, and the biocidal material incorporated in it by ion exchange. This produces a significantly harder surface than anodising at low voltage, and generates pits containing ion-absorbing material.

WO 2005/087982 A1